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COMMISSIONER FOR PATENTS
P.O. BOX 1450
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CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Docket No. : HUANG05
Applicant(s) : JINGEN SUN ;
For : FILM METAL MOULD CRYSTALLIZER AND METHOD FOR
CASTING USING THE SAME
"Express Mail" : EV 689969404 US
Mailing Label No.
Date of Deposit : December 16, 2005

I hereby certify that the accompanying

Transmittal in duplicate; A copy of the International Application
PCT/CN2004/000586; English translation of International application
Specification in 34 pages; 16 sheets of drawings; **SIGNED**
Declaration and Power of Attorney in 2 pages; Recordation Cover Sheet
with Assignment in 2 pages; Preliminary Amendment; International
Search Report (Form PCT/ISA/210); International Preliminary Examination
Report (Form PCT/IPEA/409); Check for national phase filing fee; Return
prepaid postcard

are being deposited with the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above and are
addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-
1450.


Jiawei Huang

10/561663
U.S. Application No.:

International Application No.: PCT/CN2004/000586

Atty Docket No.: HUANG05

Date: December 16, 2005

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**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING UNDER 35 USC 371**

International Application No. : PCT/CN2004/000586
 International Filing Date : June 02, 2004
 Priority Date Claimed : June 19, 2003
 Title of Invention : FILM METAL MOULD CRYSTALLIZER AND METHOD FOR
 CASTING USING THE SAME
 Applicant(s) for DO/EO/US : JINGEN SUN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. ☒ **This express requests to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21).**
4. ☒ The U.S. has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 USC 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 USC 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. ☒ An Oath of Declaration of the inventor(s) (35U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A Preliminary Amendment.
14. ☐ An Application Data Sheet under 37 CR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.

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IAP20 Rec'd PCT/PTO 16 DEC 2005

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17. () A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. () A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. () A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. (X) Other items or information:
- a. (X) International Search Report (Form PCT/ISA/210).
 - b. (X) International Preliminary Examination Report (Form PCT/IPEA/409).
 - c. (X) Return post card.
21. (X) The following fees are submitted:

	FEES
Basic national fee	\$ 300
Examination fee	\$ 200
Search fee	\$ 400
TOTAL OF ABOVE CALCULATIONS	\$ 900

() Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

AS FILED						
FOR	NUMBER FILED		NUMBER EXTRA		RATE	FEE
Total Sheets	50 - 100	=	0	×	\$ 250	\$ 0
Total Claims	20 - 20	=	0	×	\$ 50	\$ 0
Independent Claims	2 - 3	=	0	×	\$ 200	\$ 0
If application contains any multiple dependent claims(s), then add					\$ 360	\$ 0
TOTAL OF ABOVE CALCULATIONS						\$ 0

(X) Applicant claims small entity status. See 37 CFR 1.27.
The fee indicated above are reduced by 1/2. **\$ 450**

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)) **\$ 0**

TOTAL NATIONAL FEE \$ 450

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The Assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) **\$ 40**

TOTAL FEE ENCLOSED \$ 490

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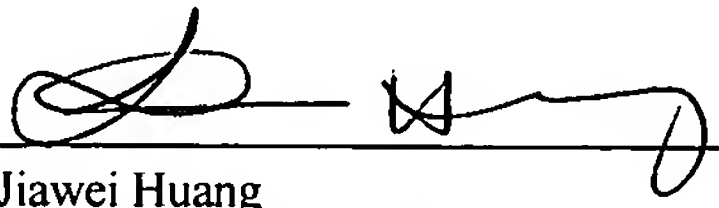
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- (X) A check in the amount of \$ 450 to cover the above fee is enclosed.
(X) A check in the amount of \$ 40 to cover the Assignment fee is enclosed.
(X) The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of the above national phase application, or credit any overpayment to Deposit Account No. 50-0710 (Order No. HUANG05). A duplicate copy of this transmittal is enclosed.

PLEASE SEND ALL CORRESPONDENCE TO:
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Jiawei Huang
Registration No. 43,330